

**IDENTIFICATION OF THE DOMAIN OF PLASMODIUM FALCIPARUM
ERYTHROCYTE MEMBRANE PROTEIN 1 (PFEMP1) THAT MEDIATES
ADHESION TO CHONDROITIN SULFATE A**

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ABSTRACT OF THE DISCLOSURE

The present invention relates to the discovery of a *var* gene and corresponding protein that modulates adhesion of parasitized red blood cells to chondroitin sulfate A. Novel biological tools, prophylactics, therapeutics, diagnostics, and methods of use of the foregoing are also disclosed.

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